

# The only “upgradeable” Exd gland in the world

The 501/453/UNIVERSAL cable gland offers installers the unique opportunity to upgrade the diaphragm seal, meant for use on effectively filled cable inner sheath's, to a barrier type gland, whereby a seal is formed around each individual cable core.

This offers the user the ability to **purchase just one Exd gland** for both their standard, and barrier gland requirements.

The **ExPress barrier kit** provides the user with everything required to change the patented diaphragm seal found in the 501/453/UNIVERSAL to the patented compound seal found in the ICG/653/UNIVERSAL. This flexibility is unrivalled and offers unparalleled cost savings, flexibility and peace of mind.

*See Page 10 for order details.*



# BARRIER Upgrade Kits

## One gland – two applications

The 501/453/UNIVERSAL gland has been a market leading Ex cable gland for 2 decades, but the latest version truly lives up to its **UNIVERSAL** name.

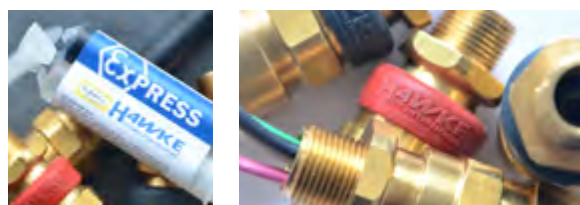
The 501/453/UNIVERSAL gland still utilises the industry leading internal diaphragm seal to meet the explosion requirements of Exd whilst also helping to prevent cold flow in cables. The 501/453/UNIVERSAL offers installers the unique opportunity to upgrade the diaphragm seal, meant for use on effectively filled cable inner sheath's, to a barrier type gland, whereby a seal is formed around each individual cable core.

The upgrade kits are available in both **QSP** and **ExPress** versions and come with everything needed to turn the 501/453/UNIVERSAL into the ICG/653/UNIVERSAL gland. This offers the user the ability to purchase just one Exd gland for both their standard, and barrier gland requirements.

This flexibility is unrivalled and offers unparalleled cost saving and peace of mind.

**QSP 2-part hand mix putty** - simple to use with a cure time from 30 minutes. Particularly useful where termination space is limited or cables are running horizontally to the installation area. Can be inspected and repaired if necessary, allowing for the very highest level of safety.

**ExPress barrier resin** - a globally certified, liquid injectable and fast curing resin, allowing for faster installation time than traditional 2-part compounds. Utilising a unique clear compound chamber allowing full visibility of the flameproof seal during installation and inspection.



### Ordering Information

Format for ordering is as follows:

Product type	Resin type	Size*	Material**
Conversion pack	QSP	A	NP (Nickel Plate)
Conversion pack	ExPress Resin	A	Brass

Ordering Example: Conversion Pack/ ExPress / A / NP

\* To match the size of the 501/453/UNIV you want to convert to a ICG653/UNIV  
 \*\* To match the material of the 501/453/UNIV you want to convert to a ICG653/UNIV

### Alternative Reversible Armour Clamping Ring Size Selection

Size Ref	Steel Wire Armour / Braid / Tape	
	Orientation 1	Orientation 2
B	0.9 - 1.25	0.5 - 0.9
C	1.2 - 1.6	0.6 - 1.2
C2	1.2 - 1.6	0.6 - 1.2
D	1.45 - 1.8	1.0 - 1.45
E	1.45 - 1.8	1.0 - 1.45
F	1.45 - 1.8	1.0 - 1.45